

Customer No.: 31561
Docket No.: 13529-US-PA
Application No.: 10/711,544

REMARKS

This is a full and timely response to the outstanding final Office Action mailed April 18, 2007.

Applicants have amended claims 1 and canceled claim 3 for better defining the claimed subject matter therein without entering any new matter. Applicants have also amended claim 1 to overcome the claim objections. Claims 23-24 are newly added hereby, support for which can be found throughout the specification and drawings. Entering of the amendment is respectfully solicited.

Claim Rejections – 35 U.S.C. §103

Claims 1, 3-5, 7-8, 21-22 was rejected under 35 U.S.C. 103(a) as being unpatentable over Urabe (US 2004/0090175) in view of Yuki (US 2005/0059185).

In response thereto, Applicants have amended claim 1 with the addition of claim 3, and hereby otherwise traverse the rejection, and submit that claim 1 is novel and unobvious over Urabe and Yuki, taken alone or in combination, and thus should be allowed. In addition, the limitation added in claim 1 is shown in Fig. 1A and 2A, and thus no new matter is entered.

Claim 1, as currently amended, comprises the limitation of “a first, second and third cathode lines electrically connected to the first, the second and the third cathode patterns respectively, wherein the first, second and third cathode lines are sandwiched between the pixel structure layer and the organic light-emitting layer”.

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The office action stated Urabe does not disclose the first cathode pattern is electrically connected to a first voltage, the second cathode pattern is electrically connected to a second voltage, the third cathode pattern is electrically connected to a third voltage, and the first voltage, the second voltage and the third voltage are different from each other. But Yuki teaches this feature in Fig. 7, and Yuki has also disclosed first, second and third cathode lines (Fig. 7, 704, 705, 706) electrically connected to the first, second and third cathode patterns (R, G, B) respectively.

However, Applicants respectfully submit Yuki fails to teach or suggest the first, second and third cathode lines are sandwiched between the pixel structure layer and the organic light-emitting layer as claim 1 recites. In Fig. 7 of the Yuki reference, the lines 704, 705, 706 are formed at the peripheral of the pixel units (R, G, B). However, in claim 1 of the present application, the first, second and third cathode lines are sandwiched between the pixel structure layer and the organic light-emitting layer. That is, the first, second and third cathode lines are disposed in the region where the pixel units are disposed or formed.

Accordingly it is submitted that Urabe, and Yuki, taken alone or in combination, fail to teach each and every limitation of the claimed invention. As such, claim 1 is patentable over Urabe, and Yuki, and thus should be allowed. For at least the same reasons, dependent claims 4-5, 7-8, 21-22 patently define over the prior arts as a matter of law.

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Claim 6 was rejected under 35 U.S.C. 103(a) as being unpatentable over Urabe in view of Yuki, in further view of Fery (2004/0075115).

Applicants submit that, as disclosed above, Urabe and Yuki fail to teach or suggest each and every element of claim 1 from which claim 6 depends. Fery also fails to teach the first, second and third cathode lines are sandwiched between the pixel structure layer and the organic light-emitting layer. Fery cannot cure the deficiencies of Urabe and Yuki. Therefore, independent claim 1 is patentable over Urabe, Yuki and Fery. For at the least the same reasons, its dependent claim 6 is also patentable as a matter of law.

New Claims

The limitations of claim 23 are described at paragraph [0026] and shown in Fig. 1A and the limitations of claim 24 are described at paragraphs [0032]-[0033] and shown in Fig. 2A, and thus no new matter is entered. Applicants respectfully submit claims 23 and 24 are not disclosed in the prior art references.

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CONCLUSION

For at least the foregoing reasons, it is believed that the pending claims are in proper condition for allowance and an action to such effect is earnestly solicited. If the Examiner believes that a telephone conference would expedite the examination of the above-identified patent application, the Examiner is invited to call the undersigned.

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